# DCL-7574 HANSA YELLOW, PY.74

Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS 2024)
Issue date: 2/26/2013 Revision date: 3/20/2026 Supersedes: 1/15/2026 Version: 4.3

## SECTION 1 Identification

### 1.1. Product identifier

Product form : Mixture
Trade name : DCL-7574 HANSA YELLOW, PY.74
Product code : 200389, 200533

### 1.2. Other means of identification

Synonyms : Pigment Yellow 74
Other means of identification : DCC YELLOW 7574

### 1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Pigment,Coloring agents

### 1.4. Supplier's details

**Supplier**
DCL Corporation (Pigments Services Inc)
1506 Bushy Park Road
Goose Creek, South Carolina
USA, 29445
T +1 416 791-4200
SDS@pigments.com - pigments.com

### 1.5. Emergency phone number

Emergency number : +1 800 424-9300; +1-703-527-3887 (CHEMTREC, CCN12891) 24 hours, 7 days a week

## SECTION 2 Hazard Identification

### 2.1. Classification of the substance or mixture

**GHS US classification**

Not classified

### 2.2. Label elements

**GHS US labeling**

No labeling applicable

### 2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

### 2.4. Hazards not otherwise classified

Other hazards which do not result in classification : Unknown.

### 2.5. Unknown acute toxicity

No additional information available

## SECTION 3 Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name | Product identifier | % | GHS US classification |
|---|---|---|---|
| TITANIUM DIOXIDE | CAS-No.: 13463-67-7 | - | Not classified |
| Pigment Yellow 74<br>(Main constituent) | CAS-No.: 6358-31-2 | - | Not classified |

Full text of hazard classes and H-statements : see section 16

## SECTION 4 First aid measures

### 4.1. Description of necessary first-aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Allow affected person to breathe fresh air. Allow the victim to rest.

First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash skin with plenty of water.

First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists. Rinse eyes with water as a precaution.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a poison center/doctor/physician if you feel unwell.

Personal protection for first-aid responders. : First aid workers will be equipped with suitable personal protective equipment.

### 4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use.

Symptoms/effects after inhalation : Dust of the product, if present, may cause respiratory irritation after an excessive inhalation exposure. Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation hazard.

Symptoms/effects after skin contact : None under normal conditions. Dust may cause irritation in skin folds or by contact in combination with tight clothing.

Symptoms/effects after eye contact : None under normal conditions. Dust from this product may cause eye irritation.

Symptoms/effects after ingestion : None under normal conditions.

### 4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment : Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam.

Unsuitable extinguishing media : Carbon dioxide (CO2).

### 5.2. Specific hazards arising from the chemical

Fire hazard : No fire hazard.

Explosion hazard : No direct explosion hazard. Minimize generation of dust which may be combustible.

Hazardous decomposition products in case of fire : Toxic fumes may be released.

### 5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6 Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material-damage. Stop leak if safe to do so.

**For non-emergency personnel**

Protective equipment : Wear recommended personal protective equipment.

Emergency procedures : Ventilate spillage area. Evacuate area. Only qualified personnel equipped with suitable protective equipment may intervene. Notify fire brigade and environmental authorities.

**For emergency responders**

Protective equipment : Do not attempt to take action without suitable protective equipment. Wear recommended personal protective equipment. Self-contained breathing apparatus. For further information refer to section 8: "Exposure controls/personal protection". Equip cleanup crew with proper protection.

Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.

Environmental precautions : Avoid release to the environment.

### 6.2. Methods and materials for containment and cleaning up

For containment : Stop leak, if possible without risk.

Methods for cleaning up : Take up mechanically (preferable by vacuum cleaning or gentle sweeping).

Other information : Dispose of materials or solid residues at an authorized site.

For further information refer to section 13.

## SECTION 7 Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Handle and open container with care. Keep away from sources of ignition - No smoking. Handling this product may result in electrostatic accumulation. Use proper grounding procedures. Avoid dust formation. Keep only in original container. Do not handle until all safety precautions have been read and understood.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

Additional hazards when processed : Local exhaust and general ventilation must be adequate to meet exposure standards.

### 7.2. Conditions for safe storage, including incompatibilities

Technical measures : Keep in a cool, well-ventilated place away from heat.

Storage conditions : Keep cool. Protect from sunlight.

Specific end uses : Restricted to professional users.

Packaging materials : Always store product in container of same material as original container.

## SECTION 8 Exposure controls/personal protection

### 8.1. Control parameters

| DCL-7574 HANSA YELLOW, PY.74 | |
|---|---|
| **USA - OSHA - Occupational Exposure Limits** | |
| Remark (OSHA) | Nuisance Dust |

| TITANIUM DIOXIDE (13463-67-7) | |
|---|---|
| **USA - ACGIH® - Threshold Limit Values** | |
| Local name | Titanium dioxide |
| ACGIH® TLV® TWA | 10 mg/m³ |
| Remark (ACGIH®) | TLV® Basis: LRT irr; pneumoconiosis. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans) |
| Regulatory reference | ACGIH 2022 |
| **USA - OSHA - Occupational Exposure Limits** | |
| Local name | Titanium dioxide (Total dust) |
| OSHA PEL TWA | 15 mg/m³ |
| Regulatory reference (US-OSHA) | OSHA Annotated Table Z-1 |

### 8.2. Appropriate engineering controls

Appropriate engineering controls : Measure concentrations regularly, and at the time of any change occurring in conditions likely to have consequences on workers exposure. Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.

### 8.3. Individual protection measures, such as personal protective equipment

**Hand protection:**

| Type | Material | Permeation | Thickness (mm) | Penetration |
|---|---|---|---|---|
| Protective gloves | Nitrile rubber (NBR) | 6 (> 480 minutes) | >0.35mm | |
| Wear suitable gloves resistant to chemical penetration | | | | |

**Eye protection:**

Chemical goggles or safety glasses

| Type | Field of application | Characteristics |
|---|---|---|
| Safety glasses | Dust | With side shields |

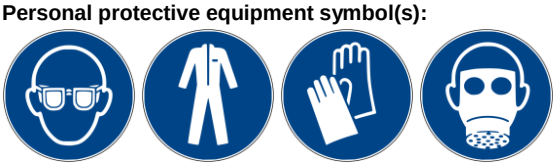
**Skin and body protection:**

Wear suitable protective clothing

| Type |
|---|
| Plastic apron or overall |

| **Respiratory protection:** | | |
|---|---|---|
| In case of insufficient ventilation, wear suitable respiratory equipment | | |
| **Device** | **Filter type** | **Condition** |
| Dust mask | Type P3, Particle filter | Dust protection |

**Personal protective equipment symbol(s):**



## SECTION 9 Physical and chemical properties

### 9.1. Basic physical and chemical properties

| | | |
|---|---|---|
| Physical state | : | Solid |
| Appearance | : | Powder. |
| Color | : | Yellow |
| Odor | : | Odourless |
| Odor threshold | : | Not applicable<br>Not applicable |
| pH | : | No data available |
| Melting point | : | Not applicable |
| Freezing point | : | Not applicable |
| Boiling point | : | Not applicable |
| Flash point | : | Not applicable |
| Relative evaporation rate (butyl acetate=1) | : | Not applicable |
| Relative evaporation rate (ether=1) | : | Not applicable |
| Flammability (solid, gas) | : | Not applicable<br>Not flammable. |
| Vapor pressure | : | Not applicable |
| Vapor pressure at 50°C | : | Not applicable |
| Relative vapor density at 20°C | : | Not applicable |
| Relative density | : | No data available |
| Relative gas density | : | Not applicable |
| Solubility | : | Insoluble. |
| Partition coefficient n-octanol/water (Log Pow) | : | No data available |
| Auto-ignition temperature | : | > 400 °C |
| Decomposition temperature | : | No data available |
| Viscosity, kinematic | : | Not applicable |
| Viscosity, dynamic | : | Not applicable |
| Explosion limits | : | Not applicable<br>Not explosive |
| Explosive properties | : | Not explosive. |
| Oxidizing properties | : | Not applicable. |
| Particle characteristics | : | No data available |

### 9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

## SECTION 10 Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

Strong oxidizing agents. Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11 Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

| DCL-7574 HANSA YELLOW, PY.74 | |
|---|---|
| LD50 oral rat | > 2000 mg/kg body weight |
| LD50 dermal rat | No data available |
| LC50 Inhalation - Rat | No data available |

| Pigment Yellow 74 (6358-31-2) | |
|---|---|
| LD50 oral rat | > 2000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity) |

| TITANIUM DIOXIDE (13463-67-7) | |
|---|---|
| LD50 oral rat | > 2000 mg/kg body weight (OECD 401: Acute Oral Toxicity, Rat, Male / female, Experimental value, Oral, 14 day(s)) |
| LC50 Inhalation - Rat | > 5.09 mg/l (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male, Experimental value, Inhalation (dust), 14 day(s)) |
| LC50 Inhalation - Rat (Dust/Mist) | > 6.82 mg/l Source: ECHA |

Skin corrosion/irritation : Not classified

| TITANIUM DIOXIDE (13463-67-7) | |
|---|---|
| pH | 7 (aqueous suspension, 10 %) |

Serious eye damage/irritation : Not classified

| TITANIUM DIOXIDE (13463-67-7) | |
|---|---|
| pH | 7 (aqueous suspension, 10 %) |

Respiratory or skin sensitization : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : In chronic inhalation toxicity studies carried out with titanium dioxide in rats, microscopic lung tumours were observed in 13% of the rats exposed to the highest dose, an exposure level that caused lung overloading and impairment of rat lungs clearance mechanisms. Further studies were carried out and these tumours were found to occur only under particle overload conditions in a uniquely sensitive species (rat) and have little or no relevance for humans. IARC has evaluated titanium dioxide as pertaining to Group 2B: “possibly carcinogenic to humans”, based upon inadequate evidence in humans and sufficient evidence in experimental animals. IARC evaluation guidelines consider the generation of tumours, in two different studies within the same animal species, to be adequate criteria for an assessment of sufficient evidence. The conclusion of several epidemiological studies on more than 20,000 TiO2 industry workers in Europe and the USA did not suggest a carcinogenic effect of titanium dioxide dust on the human lung. Based upon all available study results, it’s concluded that titanium dioxide will not cause lung cancer or chronic respiratory diseases in humans at concentrations experienced in the workplace.

| **TITANIUM DIOXIDE (13463-67-7)** | |
|---|---|
| IARC group | 2B - Possibly carcinogenic to humans |

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

| **Pigment Yellow 74 (6358-31-2)** | |
|---|---|
| NOAEL (oral,rat,90 days) | 1000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents), Guideline: EU Method B.26 (Sub-Chronic Oral Toxicity Test: Repeated Dose 90-Day Oral Toxicity Study in Rodents) |

Aspiration hazard : Not classified

| **DCL-7574 HANSA YELLOW, PY.74** | |
|---|---|
| Viscosity, kinematic | Not applicable |
| **TITANIUM DIOXIDE (13463-67-7)** | |
| Viscosity, kinematic | Not applicable (solid) |

Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use.

Symptoms/effects after inhalation : Dust of the product, if present, may cause respiratory irritation after an excessive inhalation exposure. Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation hazard.

Symptoms/effects after skin contact : None under normal conditions. Dust may cause irritation in skin folds or by contact in combination with tight clothing.

Symptoms/effects after eye contact : None under normal conditions. Dust from this product may cause eye irritation.

Symptoms/effects after ingestion : None under normal conditions.

## SECTION 12 Ecological information

### 12.1. Ecotoxicity

Hazardous to the aquatic environment, short–term (acute) : Not classified

Hazardous to the aquatic environment, long–term (chronic) : Not classified

| **Pigment Yellow 74 (6358-31-2)** | |
|---|---|
| NOEC (chronic) | > 1 mg/l Test organisms (species): Daphnia magna Duration: '21 d' |

| TITANIUM DIOXIDE (13463-67-7) | |
|---|---|
| LC50 - Fish [1] | > 100 mg/l (Equivalent or similar to OECD 203, 96 h, Oncorhynchus mykiss, Static system, Fresh water, Experimental value, Nominal concentration) |
| EC50 - Other aquatic organisms [1] | > 100 mg/l Test organisms (species): |
| EC50 72h - Algae [1] | > 100 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |
| ErC50 algae | 61 mg/l (EPA 600/9-78-018, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, Nominal concentration) |
| LOEC (chronic) | 5 mg/l Test organisms (species): Daphnia magna Duration: '21 d' |

### 12.2. Persistence and degradability

| DCL-7574 HANSA YELLOW, PY.74 | |
|---|---|
| Persistence and degradability | Not rapidly degradable |

| Pigment Yellow 74 (6358-31-2) | |
|---|---|
| Persistence and degradability | Not established. |

| TITANIUM DIOXIDE (13463-67-7) | |
|---|---|
| Persistence and degradability | Biodegradability: not applicable. |
| Chemical oxygen demand (COD) | Not applicable (inorganic) |
| ThOD | Not applicable (inorganic) |

### 12.3. Bioaccumulative potential

| Pigment Yellow 74 (6358-31-2) | |
|---|---|
| Partition coefficient n-octanol/water (Log Pow) | 2.99 Source: Ecological Structure Activity Relationships |
| Bioaccumulative potential | Not established. |

| TITANIUM DIOXIDE (13463-67-7) | |
|---|---|
| Bioaccumulative potential | Not bioaccumulative. |

### 12.4. Mobility in soil

| TITANIUM DIOXIDE (13463-67-7) | |
|---|---|
| Surface tension | No data available in the literature |
| Ecology - soil | Low potential for mobility in soil. |

### 12.5. Other adverse effects

Ozone : Not classified

Fluorinated greenhouse gases : No

## SECTION 13 Disposal considerations

Regional waste regulation : Disposal must be done according to official regulations.

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Product/Packaging disposal recommendations : Disposal must be done according to official regulations.

Additional information : Do not re-use empty containers.

## SECTION 14 Transport information

In accordance with DOT / TDG / IMDG / IATA

### 14.1. UN number

| | | |
|---|---|---|
| UN-No. (DOT) | : | Not applicable |
| UN-No. (TDG) | : | Not applicable |
| UN-No. (IMDG) | : | Not applicable |
| UN-No. (IATA) | : | Not applicable |

### 14.2. UN Proper Shipping Name

| | | |
|---|---|---|
| Proper Shipping Name (DOT) | : | Not applicable |
| Proper Shipping Name (TDG) | : | Not applicable |
| Proper Shipping Name (IMDG) | : | Not applicable |
| Proper Shipping Name (IATA) | : | Not applicable |

### 14.3. Transport hazard class(es)

**DOT**

Transport hazard class(es) (DOT) : Not applicable

**TDG**

Transport hazard class(es) (TDG) : Not applicable

**IMDG**

Transport hazard class(es) (IMDG) : Not applicable

**IATA**

Transport hazard class(es) (IATA) : Not applicable

### 14.4. Packing group

| | | |
|---|---|---|
| Packing group (DOT) | : | Not applicable |
| Packing group (TDG) | : | Not applicable |
| Packing group (IMDG) | : | Not applicable |
| Packing group (IATA) | : | Not applicable |

### 14.5. Environmental hazards

Other information : No supplementary information available.

### 14.6. Transport in bulk

Not applicable

### 14.7. Special precautions for user

**DOT**

Not applicable

**TDG**

Not applicable

**IMDG**

Not applicable

**IATA**

Not applicable

## SECTION 15 Regulatory information

### 15.1. Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

### 15.2. International regulations

**CANADA**

**Pigment Yellow 74 (6358-31-2)**

Listed on the Canadian DSL (Domestic Substances List)

**TITANIUM DIOXIDE (13463-67-7)**

Listed on the Canadian DSL (Domestic Substances List)

**EU-Regulations**

**Pigment Yellow 74 (6358-31-2)**

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

**TITANIUM DIOXIDE (13463-67-7)**

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

**National regulations**

**DCL-7574 HANSA YELLOW, PY.74**

According to corresponding national regulations and available test data, there is no labelling requirement for this product.

**Pigment Yellow 74 (6358-31-2)**

Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on KECL/KECI (Korean Existing Chemicals Inventory)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

**TITANIUM DIOXIDE (13463-67-7)**

Listed on IARC (International Agency for Research on Cancer)
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on KECL/KECI (Korean Existing Chemicals Inventory)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

### 15.3. State regulations

**WARNING:** This product can expose you to Titanium dioxide (airborne, unbound particles of respirable size), which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

| Component | State or local regulations |
|---|---|
| TITANIUM DIOXIDE(13463-67-7) | U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List |

## SECTION 16 Other information

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS 2024)

Revision date : 3/20/2026

Issue date : 2/26/2013

Training advice : Users of breathing apparatus must be trained.

Other information : This SDS was prepared in accordance with the requirements of 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) and Canadian Hazardous Products Regulations (HPR).

Hazard Rating

Health : 1 Slight Hazard - Irritation or minor reversible injury possible

Flammability : 1 Slight Hazard - Materials that must be preheated before ignition will occur. Includes liquids, solids and semi solids having a flash point above 200 F. (Class IIIB)

Physical : 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

| **Indication of changes:** | | |
|---|---|---|
| **Section** | **Changed item** | **Comments** |
| 2 | Signal word (GHS US) | **Removed** |
| 2 | Hazard statements (GHS US) | **Removed** |
| 2.1 | GHS-US classification | **Removed** |

Safety Data Sheet (SDS), USA

The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should not therefore be construed as guaranteeing specific properties.

DCL pigment, pigment preparations and special dyes are technical grade products. Unless otherwise stated or agreed DCL products are recommended only for industrial use in applications involving coloration of inks, plastics and coatings. Other intended uses including their use in consumer products governed by specific legislation or standards should be referred to the manufacturer. The use of this product is not authorized for the direct coloration of food, the coloration of articles that come into contact with internal organs or body fluids, tattoo inks, nor for cosmetic use. The customer must perform its own tests to determine the suitability of the supplied product for the intended purpose. It is also the customer's responsibility to ensure that its intended uses shall be fully in compliance with all applicable laws and regulations in each relevant country or region. The data contained in the SDS apply only to DCL products sold under the stated trade names.